

INTERNATIONAL SEARCH REPORT

International Application No

PCT/IB 03/05253

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 G11B7/00 G11B7/12 G11B7/24

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G11B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 2002/136142 A1 (JUNG SANG DON ET AL) 26 September 2002 (2002-09-26) page 2, paragraph 23 -page 3, paragraph 33; figures 1-3 abstract	1-32
A	US 6 094 410 A (FARIS SADEG M ET AL) 25 July 2000 (2000-07-25) cited in the application abstract	1-32
A	US 2002/025490 A1 (LAZAREVA OLGAL LEONIDOVNA ET AL) 28 February 2002 (2002-02-28) abstract page 1, paragraph 1	

☐ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

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T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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G document member of the same patent family

Date of the actual completion of the international search

2 March 2004

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Information on patent family members

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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 2002136142 A1	26-09-2002	KR 2002074685 A	04-10-2002
US 6094410 A	25-07-2000	US 5838653 A	17-11-1998
		AT 239292 T	15-05-2003
		AU 7448296 A	28-04-1997
		DE 69627875 D1	05-06-2003
		EP 1191519 A2	27-03-2002
		EP 0853804 A1	22-07-1998
		WO 9713247 A1	10-04-1997
		US 6498775 B1	24-12-2002
		US 6005838 A	21-12-1999
		US 2003156525 A1	21-08-2003
US 2002025490 A1	28-02-2002	CA 2443756 A1	31-10-2002
		EP 1385637 A1	04-02-2004
		WO 02085543 A1	31-10-2002